Spring Core_Maven

Scenario:

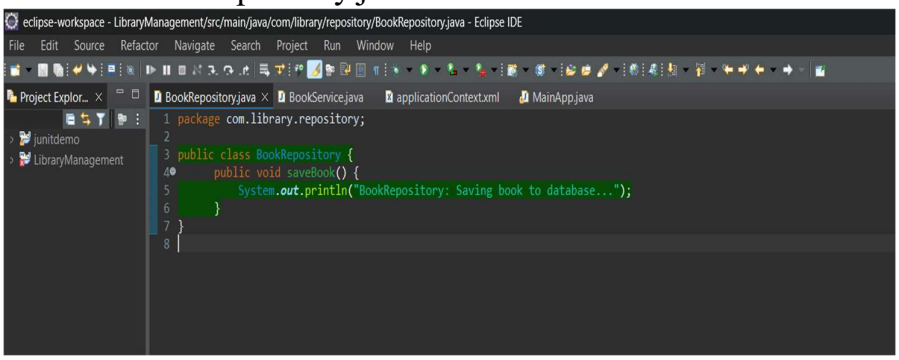
Your company is developing a web application for managing a library. You need to use the Spring Framework to handle the backend operations.

Steps:

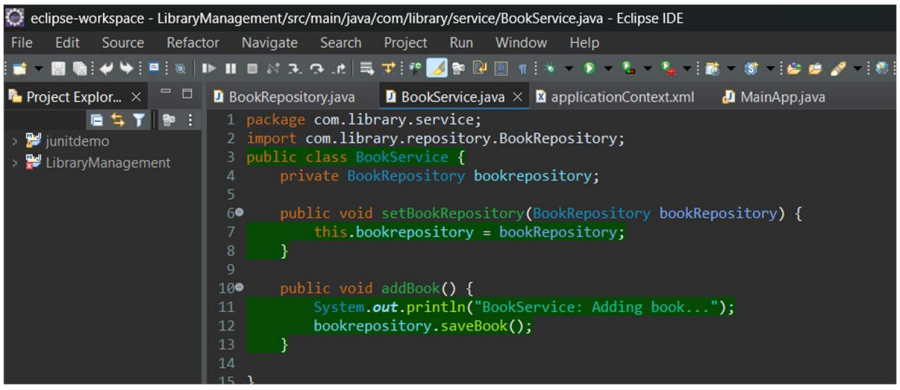
1. Set Up a Spring Project:
    - Create a Maven project named LibraryManagement.
    - Add Spring Core dependencies in the pom.xml file.
2. Configure the Application Context:
    - Create an XML configuration file named applicationContext.xml in the src/main/resources directory.
    - Define beans for BookService and BookRepository in the XML file.
3. Define Service and Repository Classes:
    - Create a package com.library.service and add a class BookService.
    - Create a package com.library.repository and add a class BookRepository.
4. Run the Application:
    - Create a main class to load the Spring context and test the configuration.

Solution:

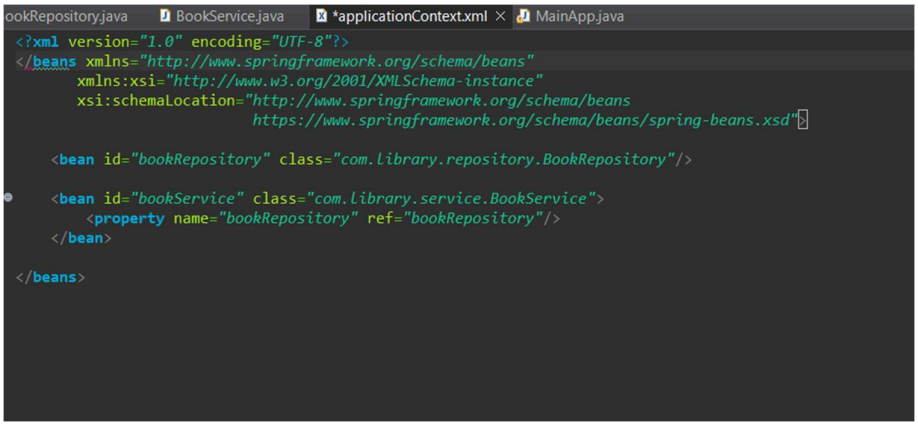
Created BookRepository.java



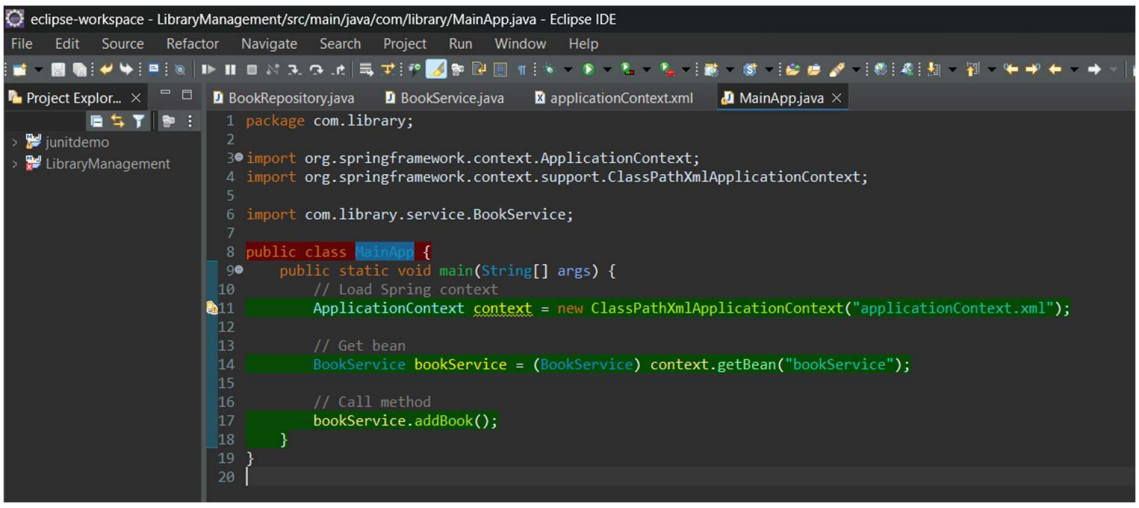
Created BookService.java



Created applicationContext.xml



Created the test class, MainApp.java



Output: